Claims:

1. A compound according to Formula I:

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and pharmaceutically and/or veterinarily acceptable derivatives thereof, wherein:

R¹ is H;

10 R² is aryl, het, C₃₋₈cycloalkyl, C₁₋₆alkyl, (CH₂)_zaryl or R⁴, wherein each of the cycloalkyl, aryl, het and R⁴ groups is optionally substituted by at least one substituent independently selected from C₁₋₆alkyl, C₁₋₆alkoxy, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)_yCF₃, CN, CONH₂, CON(H)C₁₋₆alkyl, CON(C₁₋₆alkyl)₂, hydroxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₆alkyl, C₁₋₆alkyl,

 $_{4}$ alkoxy, SCF $_{3}$, C $_{1-6}$ alkylSO $_{2}$, C $_{1-4}$ alkyl-S-C $_{1-4}$ alkyl, C $_{1-4}$ alkylNR 10 R 11 and NR 10 R 11 ;

or R¹ and R², together with the carbon atom to which they are bound, form a 5- or 6-membered carbocyclic ring or a 5- or 6-membered heterocyclic ring containing at least one N, O or S heteroatom;

where R¹ and R² are different, * represents a chiral centre;
R³ is aryl, het or R⁴, each optionally substituted by at least one substituent independently selected from C₁₋₆alkyl, C₁₋₆alkoxy, het, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)_yCF₃, CN, CONH₂, CON(H)C₁₋₆alkyl, CON(C₁₋₆alkyl)₂, hydroxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₄alkoxy,

25 SCF₃, C₁₋₆alkylSO₂, C₁₋₄alkyl-S-C₁₋₄alkyl, C₁₋₄alkyl-S-, C₁₋₄alkylNR¹⁰R¹¹ and NR¹⁰R¹¹;

R⁴ is a phenyl group fused to a 5- or 6-membered carbocyclic group, or a phenyl group fused to a 5- or 6-membered heterocyclic group containing at least one N, O or S heteroatom;

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R⁵ is H or C₁₋₆alkyl;

 R^{10} and R^{11} are the same or different and are independently H or C_{1-4} alkyl; A is a C_{1-3} alkylene chain which is optionally substituted by OH, C_{1-4} alkyl or C_{1-4} alkoxy;

5 x is an integer from 1 to 3;

y is 1 or 2;

z is an integer from 1 to 3;

aryl is phenyl, naphthyl, anthracyl or phenanthryl; and

het is an aromatic or non-aromatic 4-, 5- or 6-membered heterocycle which contains at least one N, O or S heteroatom, optionally fused to a 5- or 6-membered carbocyclic group or a second 4-, 5- or 6-membered heterocycle which contains at least one N, O or S heteroatom, provided that when R¹ is H, R² is phenyl, A is CH₂ and x is 1, R³ is not 3-hydroxyphenyl or 3-(C₁₋₄alkoxy)phenyl.

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- 2. A compound according to Claim 1, wherein R¹ is H.
- 3. A compound according to Claim 1 or Claim 2, wherein R² is aryl, het or C₃₋₈cycloalkyl, each optionally substituted by at least one substituent independently selected from C₁₋₆alkyl, C₁₋₆alkoxy, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)_yCF₃, CN, CONH₂, CON(H)C₁₋₆alkyl, CON(C₁₋₆alkyl)₂, hydroxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₄alkoxy, SCF₃, C₁₋₆alkylSO₂ and C₁₋₄alkyl-S-C₁₋₄alkyl.
- 4. A compound according to Claim 3, wherein R² is aryl optionally substituted by at least one substituent independently selected from C₁₋₆alkyl, C₁₋₆alkoxy, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)_yCF₃, CN, CONH₂, CON(H)C₁₋₆alkyl, CON(C₁₋₆alkyl)₂, hydroxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl.

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5. A compound according to Claim 4, wherein R^2 is phenyl optionally substituted by at least one substituent independently selected from C_{1-6} alkyl, C_{1-6} alkoxy, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)_vCF₃, CN, CONH₂,

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 $CON(H)C_{1-6}alkyl, \ CON(C_{1-6}alkyl)_2, \ hydroxy-C_{1-6}alkyl, \ C_{1-4}alkoxy-C_{1-6}alkyl, \ C_{1-4}alkoxy-C_{1-6}alkyl, \ C_{1-4}alkoxy-C_{1-4}alkoxy, SCF_3, \ C_{1-6}alkylSO_2 \ and \ C_{1-4}alkyl-S-C_{1-4}alkyl.$

6. A compound according to any preceding claim, wherein R³ is aryl or R⁴, each optionally substituted by at least one substituent independently selected from C₁₋₆alkyl, C₁₋₆alkoxy, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)_yCF₃, CN, CONH₂, CON(H)C₁₋₆alkyl, CON(C₁₋₆alkyl)₂, hydroxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₆alkyl, C₁₋₄alkoxy-C₁₋₄alkoxy, SCF₃, C₁₋₆alkylSO₂ and C₁₋₄alkyl-S-C₁₋₄alkyl.

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- 7. A compound according to Claim 6, wherein R³ is phenyl optionally substituted by at least-one substituent independently selected from C¹-6alkyl, C¹-6alkoxy, OH, halo, CF₃, OCF₃, OCHF₂, O(CH₂)yCF₃, CN, CONH₂, CON(H)C¹-6alkyl, CON(C¹-6alkyl)₂, hydroxy-C¹-6alkyl, C¹-4alkoxy-C¹-6alkyl, C¹-4alkoxy-C¹-6alkyl, C¹-4alkoxy-C¹-6alkyl,
- 8. A compound according to any preceding claim, wherein R^5 is H or C_{1-6} alkyl.
- 20 9. A compound according to any preceding claim, wherein A is a methylene (i.e. -CH₂-) group optionally substituted by OH.
 - 10. A compound according to any preceding claim, wherein x is 1.
- 25 11. A compound according to Claim 1 which is (+) or (-)-1-[2-(2-Ethoxyphenyl)-1-phenylethyl]piperazine.
 - 12. A pharmaceutical composition comprising a compound as claimed in any one of Claims 1 to 11 and a pharmaceutically acceptable adjuvant, diluent or carrier.
 - 13. A compound according to any one of Claims 1-11 for use as a medicament.

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- 14. Use of a compound according to any one of Claims 1-11 in the manufacture of a medicament for the treatment of a disorder in which the regulation of monoamine transporter function in mammals is implicated.
- 5 15. Use of a compound according to any one of Claims 1-11 in the manufacture of a medicament for the treatment of a disorder in which the regulation of serotonin or noradrenaline in mammals is implicated.
- 16. Use according to Claim 15, wherein the regulation of serotonin and10 noradrenaline is implicated.
- 17. Use of a compound according to any one of Claims 1-11 in the manufacture of a medicament for the treatment of urinary disorders, depression, pain, premature ejaculation, ADHD or fibromyalgia in mammals.
 - 18. Use of a compound according to Claim 17, for the treatment of urinary incontinence, such as GSI or USI, in mammals.
- 20 19. A method of treatment of a disorder in which the regulation of monoamine transporter function is implicated which comprises administering a therapeutically effective amount of a compound according to any one of Claims 1-11 to a patient in need of such treatment.
- 25 20. A method of treatment of a disorder in which the regulation of serotonin or noradrenaline is implicated which comprises administering a therapeutically effective amount of a compound according to any one of Claims 1-11 to a patient in need of such treatment.
- 30 21. A method according to Claim 20, wherein the regulation of serotonin and noradrenaline is implicated.
 - 22. A method of treatment of urinary disorders, depression, pain, premature ejaculation, ADHD or fibromyalgia, which comprises

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administering a therapeutically effective amount of a compound according to any one of Claims 1-11 to a patient in need of such treatment.

- 23. A method according to Claim 22, wherein the urinary disorder is urinary incontinence, such as GSI or USI.
 - 24. A process for preparing a compound according to any one of Claims 1-11 comprising reacting a compound of Formula III

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wherein R2 and x are as defined in any of Claims 1 to 11 and PG is a protecting group;

with a compound of Formula IV

wherein R3 and A are as defined in any of Claims 1 to 11, M is a metal selected from Zn and Mg and Hal is a halogen atom selected from chlorine, bromine and iodine; and deprotecting the resultant compound.